

PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: SCHMITTLER ET AL 1 PCT  
SERIAL NO: 10/526,055  
PCT NO.: PCT/DE2003/00280/  
PCT FILED: AUGUST 20, 2003 CONFIRMATION NO. 1141  
TITLE: METHOD AND DEVICE FOR CREATING A TWO-DIMENSIONAL  
REPRESENTATION OF A THREE-DIMENSIONAL STRUCTURE

INFORMATION DISCLOSURE STATEMENT

Mail Stop: PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicant(s) are enclosing Form PTO-1449 disclosing nine  
(9) references cited in the present application and/or by the  
German Patent and Trademark Office, and/or the German Priority  
document, and/or the International Search Report (copy enclosed).

Since it is believed that copies of the references in the  
International Search Report were submitted by the International  
Office, no copies are enclosed.

The reference Arthur Appel's article "Some Techniques for  
Shading Machine Renderings of Solids," Proceedings of "AFIPS 1968

Spring Joint Computer Conference," Volume 32, pages 37-45, is discussed in the 1<sup>st</sup> paragraph of page 2 of the present Specification and in the German Priority Document.

"An Introduction to Ray Tracing," Academic Press, ISBN 0-12-286160-4, Andrew S. Glassner (Editor)" is discussed in the 2<sup>nd</sup> paragraph of page 2 and in the German Priority Document..

"A Simple and Practical Method for Interactive Ray Tracing of Dynamic Scenes," Technical Report 2002-04, submitted for publication, <http://graphics.cs.uni-sb.de/Publications/TR/2002/Dyn/DynamicRayTracing.pdf>, Ingo Wald, Carsten Benthin, and Phillip Slusallek is discussed in the paragraph bridging from the last line of page 41 to the 4<sup>th</sup> line of page 42 of the Specification and in the German Priority Document.

"State of the Art In Interactive Ray Tracing" Quelle: [www.openrt.de/Publications](http://www.openrt.de/Publications) I. Wald, Ph. Slusallek is cited in the GERMAN OFFICE ACTION and is also enclosed.

Since this Information Disclosure Statement is being filed prior to a first Office Action, it is believed that no fee is due. However, if it is determined that a fee is due, the Commissioner is hereby authorized to charge, or to credit any

over payment, to our Deposit Account Number 03-2468.

It is respectfully requested that this Information Disclosure Statement be considered and placed into the application file.

Respectfully submitted,

Jörg SCHMITTLER ET AL.: 1 PCT

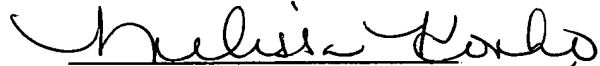


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Enclosures: 1) PTO-form 1449 w/copies of 4 refs.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: COMMISSIONER OF PATENTS, P.O. Box 1450, Alexandria, VA 22313-1450 on SEPT. 16, 2005.



~~Melissa Konko~~ Melissa Konko

FORM PTO-1449 (Modified) (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: <b>SCHMITTLER ET AL 1 PCT</b>		SERIAL NO.: 10/526,055	
LIST OF REFERENCES CITED BY APPLICANT  (Use several sheets if necessary)				APPLICANT: Jörg SCHMITTLER ET AL			
				FILING DATE:		GROUP:	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,111,582	8/2000	Jenkins (office action of the German PTO)			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
	AB						
	AC						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AD		Arthur Appel: "Some Techniques for Shading Machine Renderings of Solids," Proceedings of "AFIPS 1968 Spring Joint Computer Conference," Volume 32, pages 37-45 (GERMAN PRIORITY DOCUMENT & SPEC) ENCLOSED				
	AE		Andrew S. Glassner (Editor): "An Introduction to Ray Tracing," Academic Press, ISBN 0-12-286160-4. (GERMAN PRIORITY DOCUMENT & SPEC) ENCLOSED				
	AF		Ingo Wald, Carsten Benthin, and Phillip Slusallek: "A Simple and Practical Method for Interactive Ray Tracing of Dynamic Scenes," Technical Report 2002-04, submitted for publication, <a href="http://graphics.cs.uni-sb.de/Publications/TR/2002/Dyn/DynamicRayTracing.pdf">http://graphics.cs.uni-sb.de/Publications/TR/2002/Dyn/DynamicRayTracing.pdf</a> . (GERMAN PRIORITY DOCUMENT & SPEC) ENCLOSED				
	AG		Wald I et al: "Interactive Rendering with Coherent Ray Tracing" European Association for Computer Graphics. 22nd Annual Conference Eurographics 2001, Manchester Uk, 4-7 Sept. 2001, Vol. 20, No. 3, Pages C/53-64, XP002269801 Computer Graphics Forum, 2001, Blackwell Publishers for Eurograpean Assoc, UK ISSN: 0167-7055 (INTERNATIONAL SEARCH REPORT)				
	AH		LEXT, J. ET AL: "Towards Rapid Reconstruction for Animated Ray Tracing" EUROGRAPHICS 2001 SHORT PRESENTATIONS, 2001, pages 311-318, XP002269802 (INTERNATIONAL SEARCH REPORT)				
	AI		WATT, A.: "3D Computer Graphics" 2000, ADDISON-WESLEY, , HARLOW, ENGLAND XP002269804 Kapitel 12, page 358 Line 16 - page 365, line 4 (INTERNATIONAL SEARCH REPORT)				
	AJ		REINHARD E ET AL: "Dynamic acceleration structures for interactive ray-tracing" RENDERING TECHNIQUES 2000. PROCEEDINGS OF THE EUROGRAPHICS WORKSHOP, BRNO, CZECH REPUBLIC, 26-28 JUNE 2000, pages 299-306, XP002269803 (INTERNATIONAL SEARCH REPORT)				
	AK		I. Wald, Ph. Slusallek "State of the Art In Interactive Ray Tracing" Quelle: <a href="http://www.openrt.de/Publications">www.openrt.de/Publications</a> (GERMAN OFFICE ACTION) ENCLOSED				
EXAMINER				DATE CONSIDERED			
<p>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							